A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E03F3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{cccc} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & E03F & E01C & B28B \end{array}$

I recumentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Lectronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Calegory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 16 58 522 A1 (PFUHLER,BETONROEHREN GMBH & CO) 22 October 1970 (1970-10-22)	1,6, 10-12
A	the whole document	3,4,7,8
Α	US 4 641 993 A (HAHNE ET AL) 10 February 1987 (1987-02-10) the whole document	1,4,6,13
Α	GB 556 707 A (DOUGLAS WHITAKER) 18 October 1943 (1943-10-18) the whole document	1,6
A ,	EP 0 974 703 A (BERLINER WASSERBETRIEBE ANSTALT DES OEFFENTLICHEN RECHTS) 26 January 2000 (2000-01-26) the whole document	1-3,14, - 15
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Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 7 February 2005	Date of mailing of the international search report $16/02/2005$
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nt, Fax: (+31-70) 340-3016	Authorized officer Van Bost, S

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INTERNATIONAL SEARCH REPORT

4nternational Application No CT/EP2004/011784

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 289 079 A (* ECC CONSTRUCTION MATERIALS LIMITED; * CAMAS UK LIMITED) 8 November 1995 (1995-11-08) page 3 - page 7; claims; figures	1,4,5,7
A	US 5 733 445 A (FANELLI ET AL) 31 March 1998 (1998-03-31) the whole document	9
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